

PRODUCT SPECIFICATION

TITLE MPO Round Cable Fanout Patch Cord	DOC No. RFD- 20250317100-012	
	REVISION : 01	AUTHORIZED BY : Justina Liu
	DATE : 2025.03.17	CLASSIFICATION : Optics Cable

1. Feature

- Low insertion loss and back reflection loss
- Good exchangeability
- Good Durability
- High temperature stability
- Standard: Telcordia GR-1435-CORE compliant
- ROHS compliant
- IEC61300/IEC61753/TIA455/IEC60793/IEC60794/IEC61755 compliant

2. APPLICATIONS

- CATV, and Multimedia
- Telecommunication networks
- Active device interface
- Telecommunication networks
- Gigabit Ethernet
- Data processing networks
- Interconnection for O/E modules
- Premise installations
- Optical switch interframe connection
- Asynchronous Transmission Mode (ATM)

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3. SPECIFICATIONS

Item	Single Mode		Multimode	
	Standard	Low loss	Standard	Low loss
Insertion Loss	≤0.75dB, typical≤0.5dB	≤0.35dB, typical≤0.2dB	≤0.75dB, typical≤0.5dB	≤0.35dB, typical≤0.2dB
Insertion Loss (LC/SC/FC/ST/E2000)	≤0.3dB	≤0.2dB	≤0.3dB	≤0.2dB
Return Loss	MPO≥60dB(APC) LC/SC/FC/ST/E2000≥60dB(APC) LC/SC/FC/ST/E2000≥50dB(UPC)		≥30dB(UPC)	
Repeatability	≤0.2		≤0.2	
Durability	≤0.2 dB typical change, 500 matings		≤0.2 dB typical change, 500 matings	
Interchangeability	≤0.2dB		≤0.2dB	
Tensile Strength	>70N		>70N	